New method for determining elements of the magnetic field in the upper half-space from the given distribution of the vertical component of on a plane. Izv. AN SSSR. Ser. geofiz. (MIRA 15:2) no.3:317-335 Mr 162.

1. AN SSSR, Institut fiziki Zemli. (Magnetic prospecting)

IAPINA, M. I.

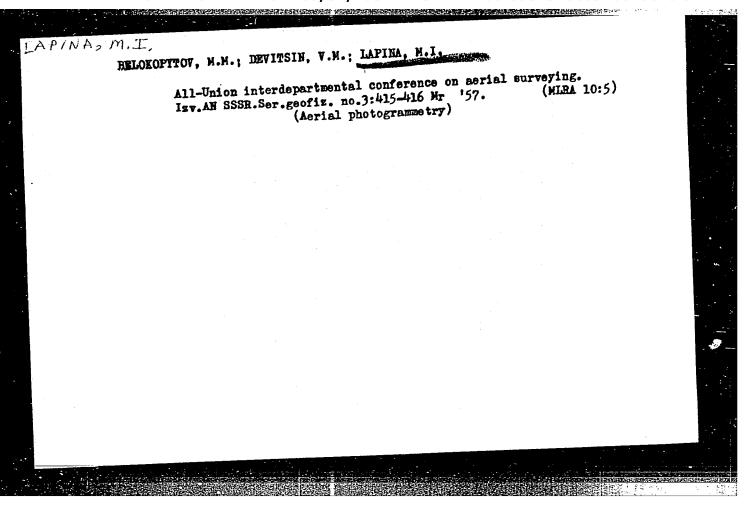
Sep/Oct 53

USSR/Geophysics - Seismic Geomagnetism

"Geomagnetism and Seismic Phenomena," M. I. Iapina Geophys Inst, Acad Sci USSR Iz Ak Nauk SSSR, Ser Geofiz, No 5, pp393-404

Clarifies the present status of the problem of the relation between geomagnetic and seismic phenomena. Proposes the following future investigations: (1) isolation of the microvariations of a geomagnetic field which are connected with processes in the earth's crust, and elimination of the intensive ionospheric background; (2) study of anomalous secular behavior in seismically active regions and in seismically quiescent regions; (3) study of the extensive distribution of a geogragnetic field as a function of the tectonic and seismic peculiarities of a region.

267T72



LAPINA M.I. 49-10-7/10 AUTHORS: Devitsyn, V. M. and Lapina, M. I.

On the accuracy of determining the depths of location of disturbing masses studied on the example of the magnetic TITLE:

anomalies of Bashkiria. (O tochnosti opredeleniya glubin vozmushchayushchikh mass na primere magnitnykh

anomaliy Bashkirii).

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya, 1957, No.10, pp. 1266-1272 (USSR)

ABSTRACT: The authors studied the problem of calculating the depth of disturbing masses on the basis of the magnetic anomalies of Bashkiria, applying the most simple methods of calculation used in practice for the purpose of determining the degree of agreement between the results of the calculations and evaluating the accuracy of the calculated depths. For the calculations the authors used a detailed AT map of the respective section produced on the basis of 1956 mapping work by Vniigeofizika, scale 1:200 000. It is concluded that depth values of disturbing masses calculated on the basis of ΔT magnetic anomaly maps, using current simple methods of calculation, yield only qualitative results. This is due to inadequate detail of Card 1/2 the magnetic anomaly maps produced by aerial magnetic

On the accuracy of determining the depths of location of disturbing masses studied on the example of the magnetic anomalies of Bashkiria).

mapping and also by the over-simplified assumptions relating to the physical and geological conditions on which these methods are based. Use of such methods is also difficult owing to the considerable influence of some other factors.

There are 5 figures, 1 table and 10 references, 9 of which are Slavic.

SUBMITTED: March 30, 1957.

ASSOCIATION: Ac.Sc. U.S.S.R. Institute of Physics of the Earth. (Akademiya Nauk SSSR Institut Fiziki Zemli).

AVAILABLE: Library of Congress

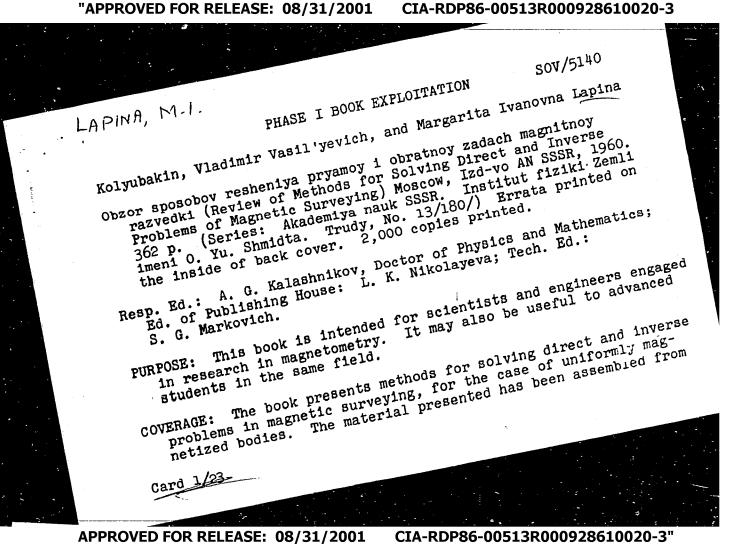
Card 2/2

BOI'SHAKOV; A.S.; LAPINA; M.I.; PETROVA, G.N.; KALASHNIKOV, A.G.; METALLOVA, V.V., kand; Tiz.-rat. nauk.

Magnetism of ores. Izv. AN SSSR. Ser. geofiz. no.1:141-143 Ja '58.

(Ores--Magnetic properties)

(NIRA 11:3)



Review of Methods (Cont.)

SOV/5140

both Soviet and non-Soviet literature up to and including 1956. The book consists of three parts each of which is preceded by a brief introduction giving a description and general statements relating to the methods cited. The first part is devoted to the direct problem of magnetic surveying. It considers analytical (Chs. I and III) and graphical (Ch. II) methods for solving the The general methods for obtaining calculation formulas for magnetic fields in the case of homogeneous magnetization are described in the introduction to the first part. All formulas are cited without derivations. Bodies bounded by surfaces of the second order are separately treated from the bodies of a given form for which the solution of the direct problem is presented. Throughout the book universally adopted designations of bodies are used. Where necessary, a description of the distribution of the magnetic charges along the body surface is given below the name of the body. The second part contains material for solving the inverse problem of magnetic surveying. Methods are considered for determining depth and dimensions of a body which require preliminary assumptions

Card 2/23

CIA-RDP86-00513R000928610020-3" APPROVED FOR RELEASE: 08/31/2001

Review of Methods (Cont.)

SOV/5140

regarding the shape of the body (Chs. I, II, III) and also methods for which this condition is not necessary (Ch. IV). Descriptions of these methods and general conditions for their use are given in the introduction to the second part; each method is given without any recommendations as to its application. third part is auxiliary and deals with calculations of the gravitational and magnetic potential and its derivatives in the upper halfspace and in the plane of observations. This material is also presented without a statement of the methods used in obtaining the formulas. Single designations are introduced in the book, the explanation of which is given at the beginning of the book in a general list. In several sections some of the formulas are derived by the authors. The following personalities are mentioned: V. N. Strakhov (method of isolines), B. A. Andreyev (method of limit distributions), T. N. Simonenko-Rose and A. P. Kazanskiy (integral formulas), Yu. N. Grachev, V. F. Pyatnitskiy, V. V. Kolyubakin, A. A. Logachev, L. Peters, A. N. Timofeyev (various forms of the method of tangents). There are 476 references: 275 Soviet, 123 English, 66 German, 9 French, 1 Swedish,

Card 3/23

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"

KOLYUBAKIN, Vladimir Vasil'yevich; <u>LAPINA</u>, <u>Margarita Ivanovna</u>; KALASHNIKOV, A.G., doktor fiziko-matem.nauk, otv.red.; NIKOLAYEVA, L.K., red.izd-va MARKOVICH, S.G., tekhn.red.

[Review of methods for solving direct and inverse magnetic prospecting problems] Obzor sposobov resheniia priamoi i obratnoi zadach magnitnoi razvedki. Moskva, Izd-vo Akadanauk SSSR, 1960. 356 p. (Akademiia nauk SSSR. Institut fiziki Zemli. Trudy, no.13)

(MTRA 14:5)

(Magnetic prospecting)

s/049/60/000/004/010/018 E032/E314

Some Results of a Study of Vertical Gradients of the Magnetic Field in the Region of the Kursk Magnetic AUTHOR: TITLE:

Izvestiya Akademii nauk SSSR, Seriya Anomaly

geofizicheskaya, 1960, No. 4, pp. 594-600 + 1 plate PERIODICAL:

TEXT: During 1954-1957, the Institute of Physics of the Earth, TEXT: During 1954-1957, the institute of Physics of the Earth, AS SSSR, carried out measurements of the magnetic field Z and the vertical gradients of the field Z using the M-2 instrute vertical gradients of the field Z using the M-2 instrument. The work was carried out by N.P. Vtorov, M.I. Lapina and The Work was carried by W. Wolshakin The Work was directed by W. Wolshakin The W. Wo D.A. Student. It was directed by V.V. Kolybakin. The value of Z was measured with an error of up to 200 - 500 Y, the anomalies being between 0.3 and 1.2 Oe, whilst the errors in 3Z/3h were 5 to 10 y/m with the corresponding anomalies of 50 to 700 y/m. The data were used to evaluate the accuracy of the existing methods of calculation of $\partial Z/\partial h$ by comparing the theoretical and the observed values of $\partial Z/\partial h$. Eight methods of calculation of $\partial Z/\partial h$ were chosen. In methods I and II $\partial Z/\partial h$ was calculated according to Eq. (1), the integral being evaluated numerically using the Tyapkin method (Ref. 3) (method I) and the

Card1/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3" S/049/60/000/004/010/018 E032/E314

Some Results of a Study of Vertical Gradients of the Magnetic Field in the Region of the Kursk Magnetic Anomaly

Strakhov method (unpublished, method II). In method III the vertical gradient was calculated as described by Strakhov in Ref. 2, while in method IV the gradient was calculated from Eq. (2) of the present paper using a chart to calculate H from the given distribution of $\, Z \,$. In method $\, V \,$ use was made of Eq. (3), in which $\partial H/\partial x$ was calculated from the H curve by the least-squares method, using Strakhov's chart (unpublished). In method VI, the gradients were calculated from Eqs. (4) and (4a), in method VII from Eq. (5) (the Andreyev formula, Ref. 1) and in method VIII from Eq. (6) (Strakhov formula). All the calculations were concerned with the two-dimensional case, since practically all the anomalies could be considered as twodimensional. Methods I to V give an accuracy of 10% when the experimental accuracy for Z is 0.5 to 1%. Methods VI to VIII give a 15 to 20% accuracy. Fig. 1 gives the measured (dotted curve) and calculated (full curve) values of 0Z/0h. Fig. 2 gives a comparison of the observed and calculated (methods I to V) 0Z/0h. In one case (Figs. 3, 4 and 5) the Card 2/3

S/049/60/000/004/010/018

Some Results of a Study of Vertical Gradients of the Magnetic Field in the Region of the Kursk Magnetic Anomaly

problem could not be considered as two-dimensional. methods I and II in a three-dimensional treatment of the latter case, calculated values were found to be accurate to within 10%, the measured values of Z being accurate to 0.5% to 1%. There are 6 figures, 4 tables and 4 Soviet references.

ASSOCIATION:

Akademiya nauk SSSR Institut fiziki Zemli

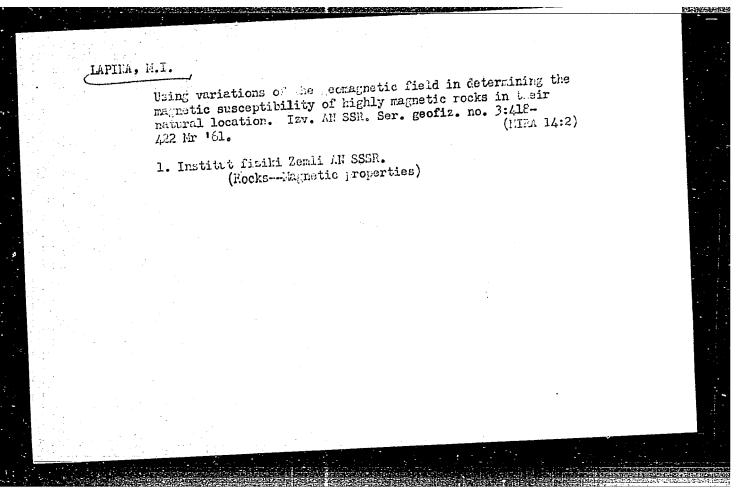
(AS SSSR Institute of Physics of the Earth)

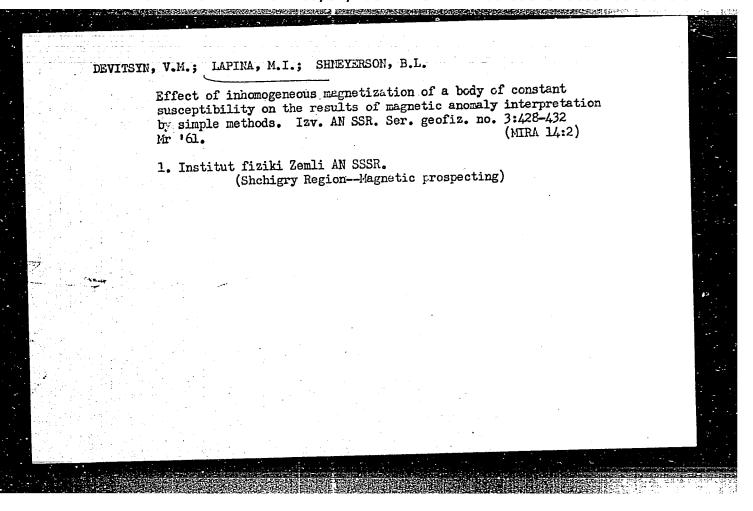
SUBMITTED:

July 9, 1959

Card 3/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"





KOPAYEV, V.V.; LAPINA, M.I.; RASPOPOV, O.M.

Variation method of determining magnetic properties of highly magnetic rocks. Izv. AN SSSR. Ser. geofiz. no.9:1354-1362 S '6ī. (MIRA 14:9)

1. Akademiya nauk SSSR, Institut fiziki Zemli; Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova i Kurskaya geofizicheskaya ekspeditsiya.

(Zhigayevo region---Magnetic prospecting)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"

LAPINA, M.I.; STRAKHOV, V.N. Mew method for calculating the vertical derivatives of potential fields in the upper half space. Izv.AM SSSR.Ser.geofiz. no.4:561-577 Ap '63. 1. Institut fiziki Zemli AN SSSR. (MIRA 16:4) (Magnetism, Terrestrial)

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CIA-RDP86-00513R000928610020-3 "APPROVED FOR RELEASE: 08/31/2001

LAPINA, N.H

51-3-13/14

AUTHORS:

Neporent, B. S., Vasilevskiy, K. P., Lapina, N. A.

and Fursenkov, V. A.

GOPCHIA CONTROL PLANTA HAS TO POSTUMENT

TITLE:

A Vacuum Spectrometer with a Diffraction Grating for the 0.7-3 M Spectral Region. (Vakuumnyy spektrometr s difraktsionnoy reshetkoy dlya oblasti spektra 0.7-3 س

PERIODICAL: Optika i Spektroskopiya, 1957, Vol. III, Nr. 3, pp. 289-293.

(USSR)

ABSTRACT:

This paper described apparatus of high resolving power for obtaining spectra in the region 0.7-3 p. It consists of a recording vacuum spectrometer with a diffraction grating and a cell which light is made to traverse many times so that its path length in the vessel can be 180 m. This apparatus is suitable for recording of spectra of rarefied or weakly absorbing gases at temperatures from room temperature to 100°C. The optical part of the apparatus is shown in Fig.1. Fig.2 shows the general view of the apparatus with the control panel. used in this apparatus follows in its construction Ref. 14 and 15. The diffraction grating used is of echelette type, 150 x 150 mm, with 300 lines per millimetre. This

Card 1/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"

51-3-13/14

A Vacuum Spectrometer with a Diffraction Grating for the 0.7-3 μ Spectral Region.

grating reflects 75% of the incident light at 2 m, 55% at 1.5 μ and 60% at 2.3 μ . The monochromater used follows Ref. 16. The spectrometer is placed in a vacuum chamber (0.1 mm Hg). The signal falls on a PbS photoresistance and is amplified. For this purpose the incident light is modulated by a perforated disc at 550 c/s frequency. This apparatus makes it possible to resolve spectra down to 0.1 cm-1. Fig. 4 shows radiational, lines of water vapours near 3900 cm-1 obtained using the apparatus described. The slit width was 0.06 cm⁻¹ and lines approximately 0.1 cm⁻¹ distant from each other are resolved. This means that the resolving power of the instrument reaches 40 000, and this corresponds to 45 000 resolving power of the diffraction grating. Fig. 5 shows absorption spectra of water vapours near 2.7 μ obtained using path lengths of 8.8 (broken curve) and 120.8 (continuous curve) metres respectively. When the container used was of quartz, absorption and emission of carbon dioxide could be measured with this apparatus.

Card 2/3

A Vacuum Spectrometer with a Diffraction Grating for the 0.7-3 μ Spectral Region.

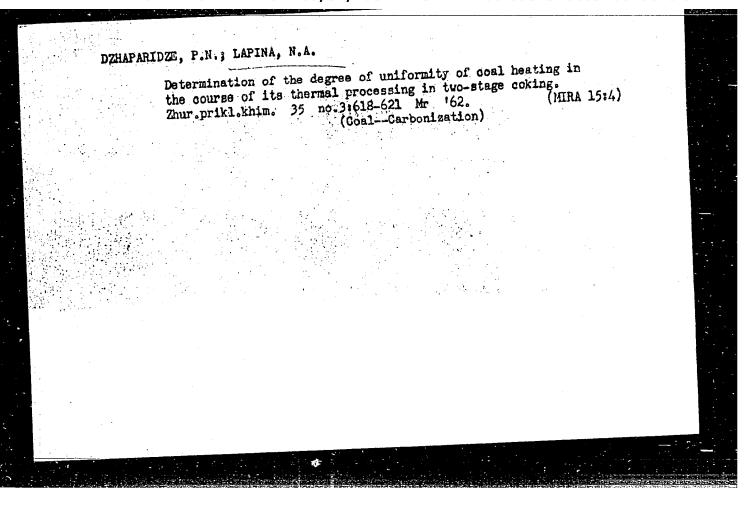
The authors thank F. M. Gerasimov for supplying the diffraction grating used. There are 5 figures, and 17 references, 1 of which is Slavic.

SUBMITTED: 15 January, 1957.

AVAILABLE: Library of Congress

Card 3/3

Reference and the second



DRAKIN, L.A.; TVARADZE, L.R.; LAPINA, N.A.

Coking of Tkibuli coals in the Kharkov Experimental Plant.
Trudy Inst.prikl.khim.i elektrokhim.AN Gruz.SSR 3:189-193
'62. (Kharkov—Coal—Carbonization)

(Kharkov—Coal—Carbonization)

LUK'YANOVA, A.D.; LAPINA, N.F.

Life span of suslik fleas Neopsylla setosa Wagn. and Ceratochyllus tesquorum Wagn. under natural conditions. Zool. zhur. 44 no.62883-887 465. (MIRA 18:10)

1. Institut "Mikrob", Saratov.

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"

PORAY-MOSHITS, A.Ye. [deceased]; PORAY-MOSHITS, B.A.; LAPIMA, H.G.

Research in the field of tautomeric compounds. Part 19. Tautomerism of dipyramolonyl-m-nitrophenylmethane. Zhur.eb.khim.25 no.8:1604(MERA 9:2)
1609 Ag '55.

1.Leningradskiy tekhnologicheskiy institut imeni Lensoveta.
(Methane) (Isomerism)

USSR / Soil Science. Biology of Soils.

J-3

Abs Jour : Ref. Zhur - Biologiya, No 17, 1958, No. 77400

Author

: Lapina, N. K.; Kasatochkin, V. I.

Inst

: Institute of Fuel Reserves AS USSR

Title

: Ion Exchange and the Structure of Humic Acids

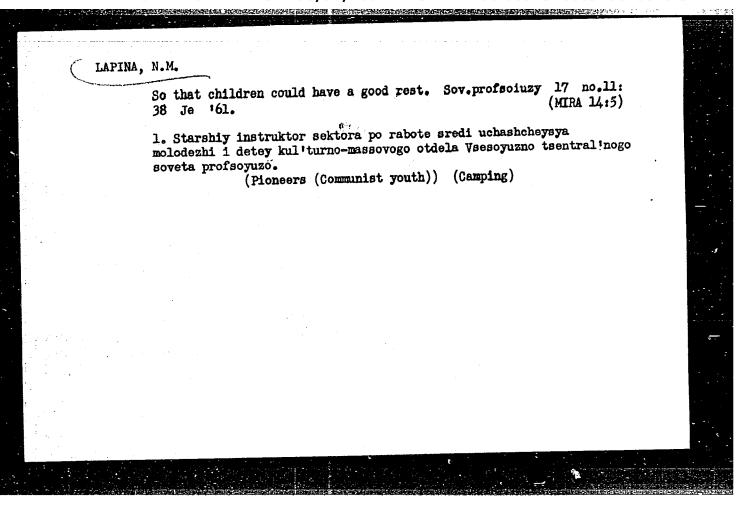
Orig Pub

: Pochvovedeniye, 1957, No 9, 28-32

Abstract

: Investigation of the IE absorption spectra of humic acids and humates of Na, Ca and Ba that were separated from different coals confirmed the molecular mechanism of ion exchange in the alkaline solutions of humates. Alkaline humates are genuine molecular solutions which consist of individual aromatic lattices with lateral radicals which carry carboxylic groups in ion form. With the formation of Ba- or Ca-humates, an exchange reaction with Na or H takes place; the formation is possible of complexes of two and more molecules of humic acids connected through a cation:

Card 1/2

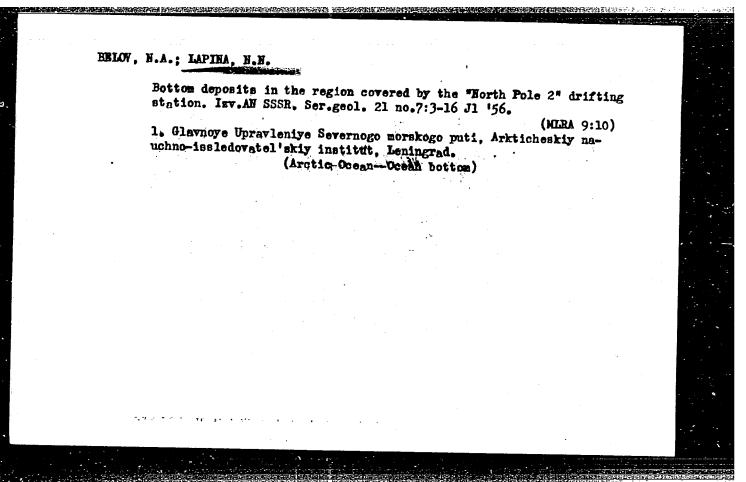


LAPINA, N. N.

"Biostratigraphy and Brachiopods of the Lower Carboniferous (Vizey) and Middle Carboniferous Deposits of the Molotov Cis-Urals." Cand Geol-Min Sci, All Union Sci-Res Inst of Geological Prospecting for Petroleum Leningrad, 1954. (RZhGeol, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No.521, 2 Jun 55



Lapina, N.N.

Change in the porosity and gas permeability of rocks below freezing point. Trudy Nauch.-issl. inst. geol. Arkt. 89:189-200 '56.

(Rocks--Permeability)

(MIRA 11:1)

LAPINA, N.N.

SOV / 124-58-5-5605

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 99 (USSR)

AUTHORS: Lapina, N. N., Savinova, A. I.

TITLE: The Study of the Permeability Coefficient of Sand at Subfreezing

Temperatures (Izucheniye koeffitsiyenta fil' tratsii peska pri

otritsatel noy temperature)

PERIODICAL: Byul. nauchno-tekhn. inform. M-vo geol. i okhrany nedr

SSSR, 1957, Nr 3 (8), pp 28-29

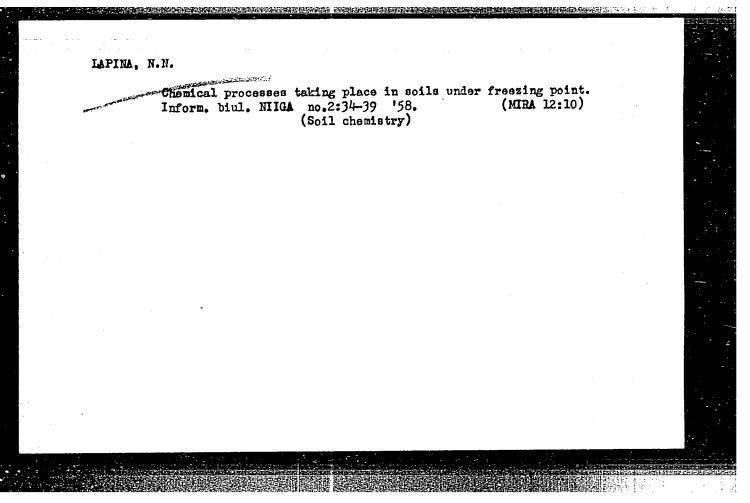
ABSTRACT: Bibliographic entry

1. Sand--Physical properties

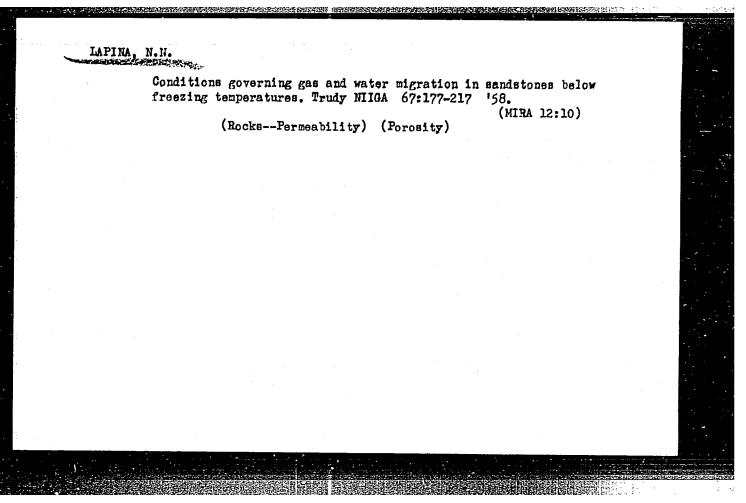
2. Sand -- Temperature factors

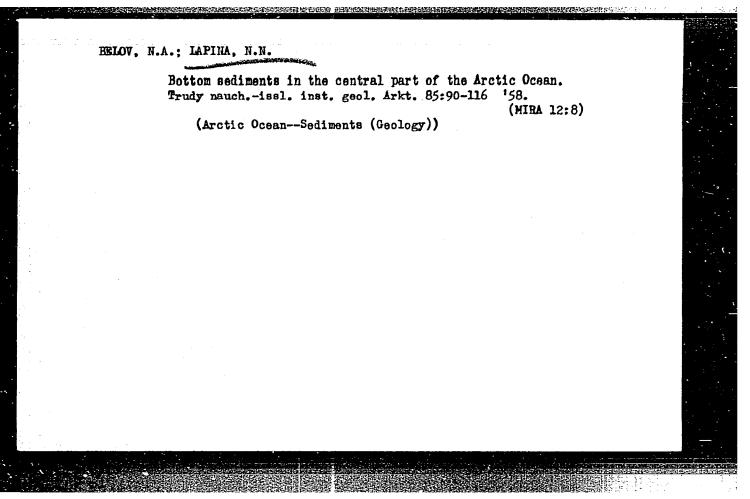
Card 1/1

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"



APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"





AUTHORE: Belov, G. A., Lapina, N. N. SOV: 20-122-1-32/44 TITLE: New Pata on the Stratification of the Bottom Sedimentation of the Arctic Ocean Basin thoughe dannyye o stratifikatsin donnykn otlozneniy -rkticheskogo basseyna Heverbogo hedovitogo okeana) PERIODOCAL: Boklady Akademii nauk 1998, 1958, Vol 122, Nr 1, pp 115-118 (0038) ABSTRACT: Whe stratification of the Arctic pasin as mentioned in the title was described for the first time by members of the expeditions of the Arkticheskiy nauchno-issledovatel'skiy institut (Scientific Research Institute for the Arctic Region) in the years from 1948 to 1954. N. A. Belov succeeded, nowever, only in 1955 in taking a 412 cm nigh column from a depth of 5 044 m for the first time during the mentioned expedition aboard the icebreaker "F. Litke" north of "pitsbergen and Frans (Shpitsbergen, Zemlya Frantsa Iosifa) (Fig 1). The obtained results confirmed the entire scheme of stratification which had been found already in earlier investigations (Refs 1.5). On the strength of the stratification of the sediments and of the radium content the absolute age may be determined and the cor-Card 1/3 relation can be carried out between these sediments and A. I.

SOV/20-122-1-32/44

New Data on the Stratification of the Bottom Sedimentation of the Arctic Ocean Basin

Moskvitinov's and S. A. Yakovlev's schemes for the Quarternary on the continent. They are: 1) Recent deposits from present time until 9 000 - 10 000 years ago. 2) Finiglacial, or the fourth new glaciation in Europe and the Sartanskaya glaciation in Siberia (Sibir'): 9 000 - 10 000 and as far as 16 000 -17 000 years ago. 3) Sediments of the heat period 16 000 -17 000 to 20 000 years old. 4) Deposits from the cold period of the Ostashkovskoye or third new glaciation in Europe and the second stage of the Zyryanskove glaciation in Sibir' are 20 000 to 30 000 - 32 000 years old. 6) The sediments of the next cold period which obviously corresponds to the Kalininskoye or second new glaciation in Europe and the first stage of Zyryanskoye giaciation in Sibir' are 50 000 - 52 000 to 65 000 - 70 000 years old. 7) The sedimentation of the deposits underneath which date from the heat period took place during the boreal encroachment (Mikulinskiy period), e.g. 65 000 - 70 000 to 110 000 years ago. 8) The sediments which are below the mentioned ones were already deposited during the Moskovskoye or first new glaciation in Europe and the Tazovskoye in Fibir!

Cara 2/3

FQV/20-122-1-32/44

New Data on the Stratification of the Rottom Medimentation of the Arctic Ocean Basin

netween 110 000 and 140 000 - 150 000 years ago. 9) Those strata were formed during the last heat period of the Middle

Cunriornary, c.g., 150 000 years ago you carlier. The beginning of that period could not be determined. There are 1 figure and

6 references, classification are haviet.

ASSOCIATION: Arkadeneshiy institut. Institut geologic Arktiki (Arctic Insti-

tale. Insultance of Arctic Geology)

PRESENTED: Fecratry 5, 1948, by w. M. Straknov, Member, Academy of Sciences,

 \mathbf{J}

SUBMITTED: April 20, 1958

Card 3/3

5(0) AUTHOR:

Lapina, N. N.

SOV/20-123-3-42/54

TITLE:

New Data on the Stratigraphy of the Carboniferous at the Mouth of the Lena River (Novyye dannyye po stratigrafii karbona ust'ya r. Leny)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 3, pp 528-529

(USSR)

ABSTRACT:

In the northern Kharaulakh mountains brachiopods were collected from sediments which correspond to the upper parts of the Visean and Namurian Stages, as well as the Middle Carboniferous (collected by Ye. M. Lyutkevich and V. D. Nikiforova). Through identifications of the collection of A. A. Mezhvilk (1953-54), carried out by A. P. Rotay, the impression originated that analy Tournaisian and Visean sediments (Lower Carboniferous) abour in these mountains. The author has a brachiopod fauna from thase mountains which indicates the development of the upper part of the Visean and the Namurian. The Middle Carboniferous sediments (Thickness of 800 m), grouped as the Tiksinskaya suite by A. A.

Mezhvilk (Ref 1), lie directly over the Krestyakhskaya conglomerate. The fauna of this conglomerate includes the span of time from Silurian to the Lower Carboniferous. The opinion

Card 1/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"

New Data on the Stratigraphy of the Carboniferous at the Mouth of the Lena River

sov/20-123-3-42/54

that these sediments belong to the Middle Carboniferous stems from F. N. Chernyshev (1883, after collections by E. V. Toll' and A. A. Bunge). This standpoint, disputed by many investigators, now begins to win more and more general acceptance. The chief basis for the diverging interpretations is the insignificant similarity between this fauna and the well known Middle Carboniferous fauna of the western areas of distribution (Ural, Donbass, Podmoskov'ye = Moscow Basin). It is likewise dissimilar to the fauna lying directly over it in the Kharaulakhskiye mountains and to the fauna of the contemporary deposits of the neighboring Arctic regions (Novaya Zemlya, Taymyr). By comparison the author has discovered a similarity with the brachiopod fauna of the lower part of the North American Pennsylvanian System. Nevertheless, some elements of the European fauna are also present. Characteristic is the lack of the widely distributed Middle Carboniferous group of the Choristites. Consequently, the Tiksinskiy brachiepod complex

Card 2/3

New Data on the Stratigraphy of the Carboniferous at the Mouth of the Lena River

SOV/20-123-3-42/54

belongs in its entirety to the Middle Carboniferous, perhaps with the exception of the uppermost parts, which could be placed in the Upper Carboniferous. There are 3 Soviet references.

ASSOCIATION:

Vsesoyuznyy nauchno-issledovatel'skiv geologo-razvedochnyy neftyanoy institut (All-Union Petroleum Institute for Scientific Research and Geologic Prospecting)

PRESENTED:

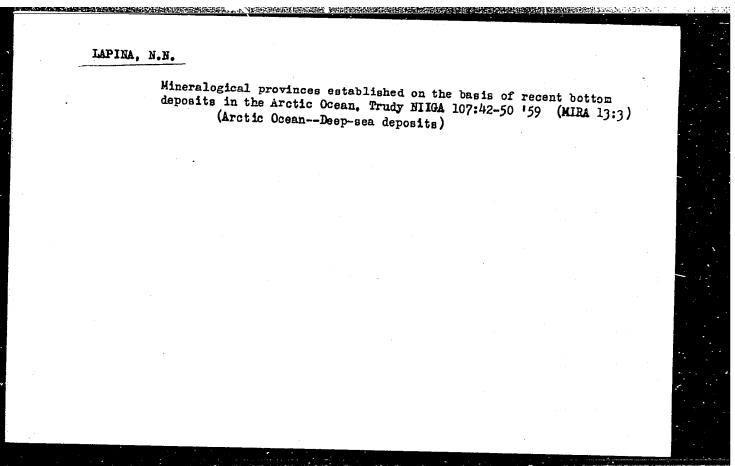
June 28, 1958, by D. V. Nalivkin, Academician

SUBMITTED:

June 26, 1958

Card 3/3

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"



3(5) AUTHORS:

Lapina, N. N., Troshina, M. K.

SOV/20-128-2-40/59

Harmon Mark Committee Comm

TITLE:

The Carboniferous of the North of the Bol'shezemel'skaya Tundra

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 128, Nr 2, pp 366-368

(USSR)

ABSTRACT:

The occurrence of considerably bituminous rocks in Upper Devonian and Lower Carboniferous strata was detected first by G. A. Chernov (Ref 1) in 1940, then by D. K. Aleksandrov (1941), as well as by B. I. Tarbayev and V. A. Urman (1954) in the region of Sin'kin Nos on the Talata river east of the aforementioned tundra. A strong bitumen smell and bitumen inclusions were characteristic of the petroleum manifestations. The above exposure was investigated in 1958 by M. K. Trochina, and the fauna (foraminifers, anthozoans, brachiopods, gastropods) was collected in one layer after the other. Investigation of this fauna first suggested a new scheme on a biostratigraphic basis instead of on the hitherto lithological one. The Tour - n a i s i a n s t a g e is represented by carbonate rocks which on the whole are very similar to those of the Famennian. The lower boundary of the Tournaisian is therefore drawn only

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SOV/20-128-2-40/59

The Carboniferous of the North of the Bol'shezemel'skaya Tundra

with certain restrictions. The lower stage of the Lower Tournaisian is represented by alternating light- and yellowish-grey, fine- and medium-grained limestones and dark-grey, fine-strakfied dolomites. An impact causes a slight smell of H₂S and of the light petroleum frac-

tions. The fauna was determined by L. P. Grozdilova, N. S. Lebedeva, and A. V. Durkina. The lower stage is 120 m thick. Upper Tournais is an lower stage is 120 m thick. Upper Tournais bound here to the upper part. The anthozoans were determined by Yu. N. Rogozov. Bitumens are found in strongly cleft calcareous layer. The lower stage is 100 m, the entire Tournaisian stage 220 m thick. The V is an stage is 230-235 m thick. The sediments of the Tul'sko-Aleksinskip horizon is drawn at the interfaces between the crystalline limestones (without macrofauna) and an organogenic-clastic silicified limestone of the Mikhaylovskip horizon. The

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SOV/20-128-2-40/59

The Carboniferous of the North of the Bol'shezemel'skaya Tundra

rocks have a slight petroleum smell. Mikhaylovskiy h o r i z o n (80 m) has its upper boundary in the roof of a massive limestone (3 m thick) with flint. The V e n e v s k i y horizon (40 m) has abundant fauna. Bitumens are found in the shells and cavities of the limestone. Serpukhovskiy lower stage (70 m). Their topmost layers which correspond to the Protvinskiy horizon are sugar-like, coarse-grained limestones which occur north-west of the Talata river and on the coast of the Barents Sea. No fauna was found in them. They are separated from the exposures of the underlying limestones by an interruption 40 m thick which is covered with grass. The latter contain fauna. The cross section in-Only the terrigenous mass between the Tournaisian and Visean of the Russian platform lacks here and is replaced by carbonate sediments which most probably belong to the Tul'skiy age. There is 1 Soviet reference.

Card 3/4

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"

SOV/20-128-2-40/59

The Carboniferous of the North of the Bol'shezemel'skaya Tundra

ASSOCIATION:

Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologo-

razvedochnyy institut (All-Union Scientific Research Institute

of Geological Petroleum Prospecting)

PRESENTED:

May 4, 1959, by D. V. Nalivkin, Academician

SUBMITTED:

April 29, 1959

Card 4/4

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"

	OITATIO	International decological Congress. 21st, Copenhagen, 1960. Norskaya geologiya (Karine Geology) Hosew, 1zdeve AN 838R, 1960. 205 p. 2,500 copies printed. (Series: Dekiety sevetskildh geologev, problema 10)	Editorial Board: P. L. Bezrukov, Rosp. Ed., A. V. Zhivego, V. P. Zenkovich and G. E. Udintsev; Ed. of Publishing House: V. S. Shoynman; Tech. Ed.: V. Karpov.	FURPOSE: This book is intended for geologists and occanographers, COVERAGE: The book contains 18 articles representing the reports given by Soviet geologists at the 2lat. International Grologists Congress, Individual articles and with the better topography, sedimentation, and foctonies of occans (Hestern Facilies) and sectonics of occans (Hestern Facilies), as well as the geomorphology and foctonies of	Les Lings and Carolina Secondaria and Sovice sectors of the Enlist. An English require secondariae each article. He proceedities SIGNICA, H. H., E. Fr., Healthout tegy, G. B. Uddingsy, H. Guilton Androgers, H. Ellistern, and Mr. I. Hencchny, Recult of Significations of the batter's Crust Under Seas and Greens	Saidova, Mh. M. Struifgraphy of Sediments and the Paleognography of the Most According to See-Botton Permission Sean of the regist According to See-Botton Permissions	Mattern. A. P. Fornation of Sediments in the Southern Facility and Indian Oceans 69	Jerdan, M. M., and H. 4, Below. Bottom Sedimentation Con- different in the Arctic Ocean	GOIGHINOY, V. P., and Nu. P. Heprochnov. Bottom decomphology and Testonia Froblems of the Black Sea. Solovyev. V. P., L. S. Rulakova, and G. V. Argeova. Relief and	i	Denova, M. V. The Geology of the Barents Sea 123	•.	Incriting. H. V. Study of the Diagenesis of Some Marine Sediments	Zonkovich, V. P., C. K. Leont'yov, and Yo. N. Neveseldy. The Influence of the Eustnite Fost-diseats! Transgression on the Development of the Constal Zone of Soviet Seas	Arbulatov, H. A., V. I. Boldyrev, and Y. P. Zonkovich. Some 164 New Data on Sediment Streams Along Shores	Budanov, W. I., A. S. Ignin, P. A. Kapiin, and V. S. Hedvedav. Hecent Vertical Movements of Scashored In the Soyiet Unron 175	Leont year, O. K. Types and Formation of Lagoons on Recent Seashores	Card-Tig	(A)	
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DEDEYEV, V. A.; LAPINA, N. N.

Stratigraphy and brachiopods of Carboniferous deposits on the eastern slope of the Arctic Urals. Trudy VNIGRI no.154:142-166 60. (MIRA 13:9)

(Shchuch'ye Valley-Brachiopoda, Fossil) (Paleontology, Stratigraphic)

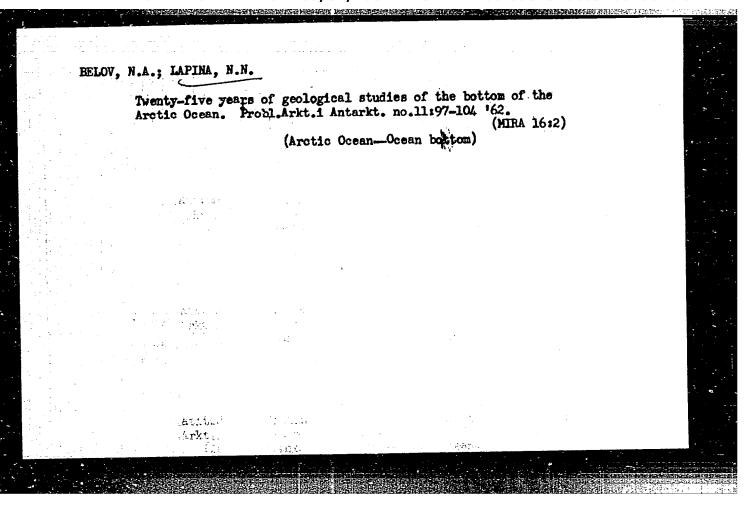
BELOV, N.A.; LAPINA, N.N.; SAKS, V.N., red.; DROZHZHINA, L.P., tekhn.

red.

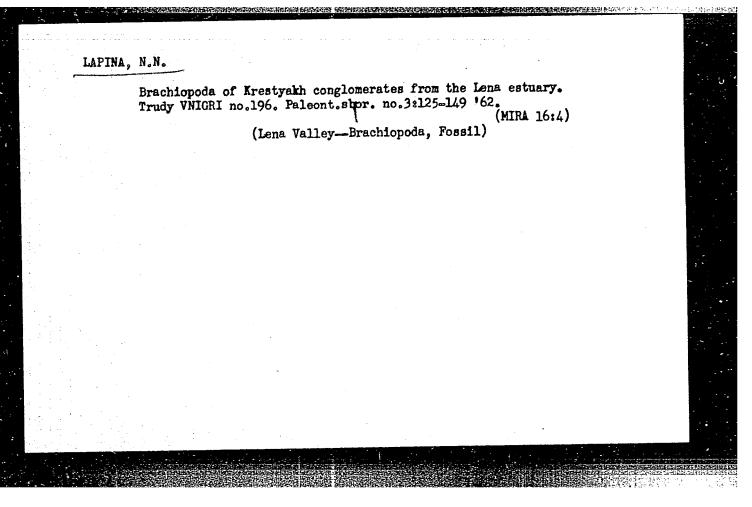
[Bottom sediments of the Arctic Sea basin] Dommye otlozheniia Arkticheskogo basseina. Pod red. V.N.Saksa. Leningrad, Izd-vo "Morskoi transport," 1961. 151 p. (MIRA 15:5)

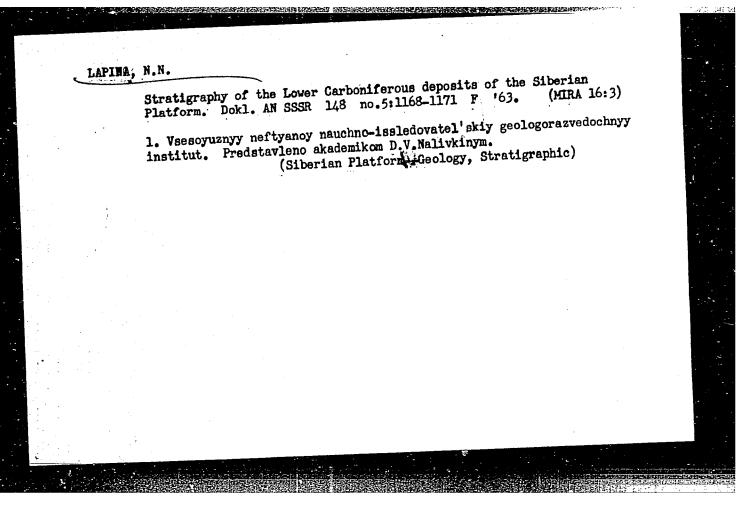
1. Chlen-korrespondent Akademii nauk SSSR (for Saks).

(Arctic regions—Deep-sea deposits)



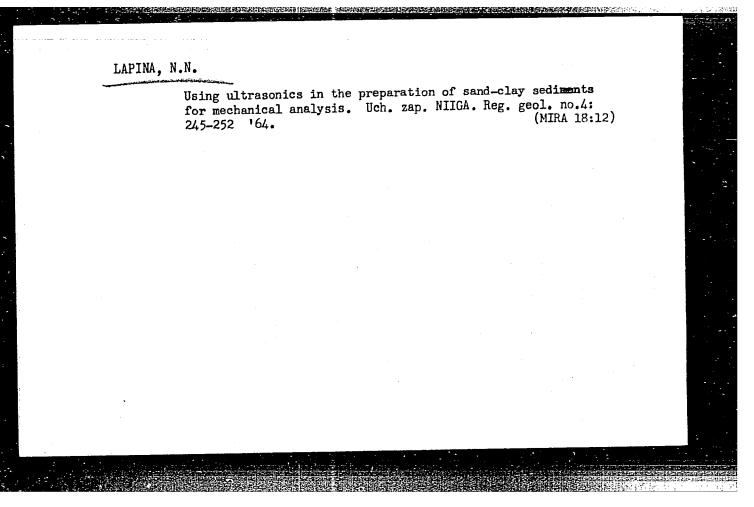
Stratigraphy and Brachiopoda of the Lower Carboniferous sediments in the northeastern part of the Siberian Platform in the Olenek basin. Trudy VNIGRI no.196.Paleont.sbor. no.3:107-123 '62. (MIRA 16:4) (Olenek Valley—Geology, Stratigraphic) (Olenek Valley—Brachiopoda, Fossil)

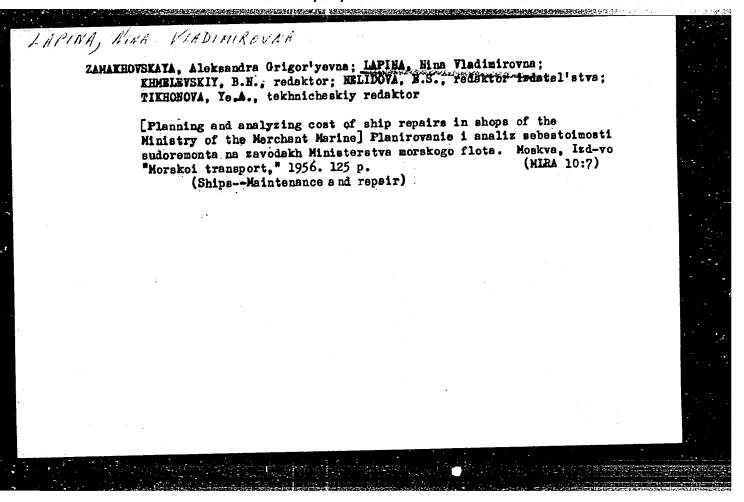




LAPINA, Nina Nikolayevna; KULIKOV, M.V., red.; ICNINA, I.N., vedushchiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Brachiopods of Carboniferous sediments in the Ural Mountain portion of Perm Province] Brakhiopody kamennougol'nykh otlozhenii Permskogo Peiural'ia. Leningrad, Gostoptekhizdat, 1957. 132 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no.108). (MIRA 16:8) (Perm Province—Brachiopoda, Fossil)





ZAMAKHOVSKAYA, A., kand.ekon.nauk; LAPINA, N.V.

Improving the planning and accounting system in the ship repair enterprises. Mor.flot 19 no.9 S '59. (MIRA 12:11)

1. Nachal'nik sektora ekonomiki prompredpriyatiy TSentral'nogo nauchnoissledovatel'skogo instituta morskogo flota (for Zamakhovskaya). 2. Nachal'nik planovo-ekonomicheskogo otdela Kanonerkogo zavoda (for Iapina). (Shipping-Maintenence and repair)

SHRABSHTEYN, I., dots.; CHERKESOV-TSYBIZOV, A., starshiy prepodavatel'; MILYUKOV, M.; prepodavatel'; BORISOV, B., inzh.-ekonomist; LARIMA, M. M.

"Economics of transportation by sea" by S.F. Koriakin, I.L. Bernshtein, IU.F. Bilinskii. Reviewed by I. Shrabshtein and others. Hor.flot 20 (MIRA 13:10)

1. Odesskiy institut inzhenerov morskogo flota (for Shrabshteyn, Cherkesov-TSybizov, Milyukov). 2. Machal'nik Planovogo otdela Baltiyskogo parokhodstva (for Borisov). 3. Nachal'nik Planovoekonomicheskogo otdela Kanonerskogo zavoda (for Lapina).

(Shipping)

(Koriakin, S.F.) (Bernshtein, I.L.) (Ellinskii, IU.F.)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"

KRAVCHIK, Feliks Ivanovich; KANEVSKIY, I.L., retsenzent; LAPINA, N.V., retsenzent; DZHKLOMANOV, T.L., nauchmyy red.; SHAKHNOVA, V.M., red.; SHISHKOVA, L.M., tekhn. red.

[Planning and organization of the repair of ships] Planirovanie i organizatsiia remonta sudov. Leningrad, Gos.soiuznoe izd-vo sudostroit. promyshl., 1961. 158 p. (MIRA 15:2) (Ships-Maintenance and repair)

LAPINA, O.N

AUTHORS:

47-6-36/37 Ivanov, S.I., Shalinets, B.A., Myshlyayev, A.M.

TITLE

A Conference on the Method of Teaching Physics (Konferentsiya

po metodike fiziki)

Fizika v Shkole, 1957, # 6, page 93 (USSR)

ABSTRACT:

PERIODICAL:

A scientific conference on the method of teaching physics took place at the Moskva Oblast' Pedagogical Institute with teachers from the city of Moscow and the Moscow Oblast! and representatives of the Moscow, Stalingrad, Krasnodar Mariyskiy [in Yoshkar-Ola, Kabardine-Balkarskiy, Tula, Yaroslavl, Thuya pedagogical institutes, the Institut of Psychology APN and the Kaluga Oblast! Institute for the Improvement

Berdichev, and

The following reports were heard and discussed: S.I. Ivanov - "The Methods of Methodical Researches", O.N. Lapina of Teachers. "The Rise and Development of Concepts of Temperature and Quantity of Heat" (at the 7-class school), Ye.Kh. Lyatker -"The Rise and Development (at the pre-school age and the 7-class school) of Basic Concepts in the Field of Electricity", T. Ya. Ishkova - "The Rise and Development (during the pre-school age and at the 7-class school) of Concepts of Magnetism", A.V. Selenginskiy - "On the Development of

Card 1/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"

KNYAGININA, I.P.; LAPINA, R.A.; BLINOV, V.A.; GUDVILOVICH, I.V.

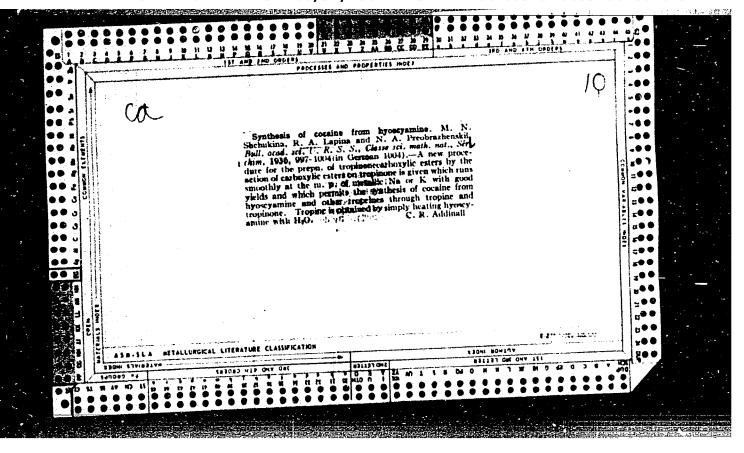
New "carbozoline" softeners. Tekst.prom.22 no.3:68-69 Mr '62.

(MIRA 15:3)

1. Nauchno-issledovatel'skiy institut organicheskikh poluproduktov
i krasiteley (NIOPiK).

(Textile finishing)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"



MIZUCH, K.G.; IAPINA, R.A.

Peretherification of dialkylaminomethylalkyl ethers. Zhur.ob.khim. 23 no.9: 1512-1518 S '53. (MLRA 6:10)

1. Gosudarstvennyy Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i krasiteley im. K.Ye.Voroshilova. (Ethers)

LAPINA, R. A.

"Use of Dialkylaminomethylalkyl Esters in the Synthesis of Levelers." Min. Higher Education USSR, Moscow Order of Lenin Chemical Technology Inst imeni D. I. Mendeleyev, Moscow, 1954. (Dissertation for the Degree of Candidate in Technical Sciences)

SO: Knizhnaya Letopis', No. 22, 1955, pp 93-105

LAPINA, R.A.

WERR/Chemistry

Card 1/1 Pub. 151 - 25/42

Authors : Lapina, R. A., and Mizuch, K. G.

Title : Re-etherification of dialkylaminomethylalkyl ethers and dialkylaminomethylalkyl sulfides

mathytatkyt autitus

Periodical : Zhur. ob. khim. 24/9, 1605-1608, Sep 1954

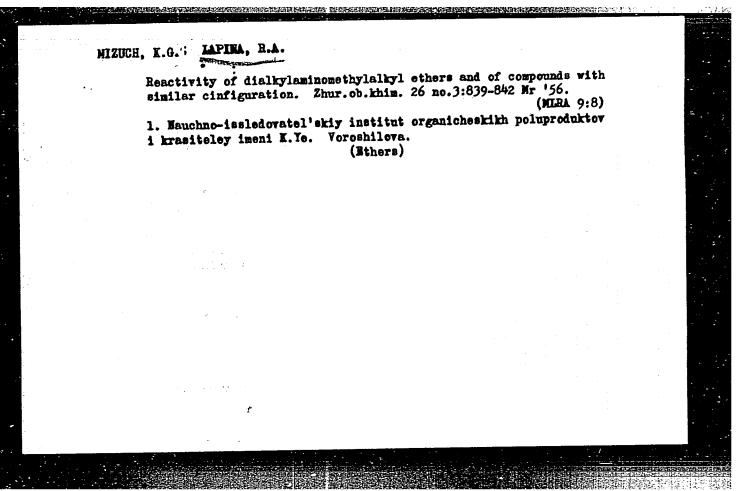
Abstract: The reaction of re-etherification of dialkylaminomethylalkyl ethers and dialkylaminomethylalkyl sulfides was investigated. The possibility of obtaining dialkylaminomethylalkyl sulfides from the reaction of dialkylaminomethylalkyl ethers with mercaptanes was established. The exchange of the alkoxy and sulfhydride groups, which takes place during the heating of the ether-sulfide mixture, is explained. Four references: 2-

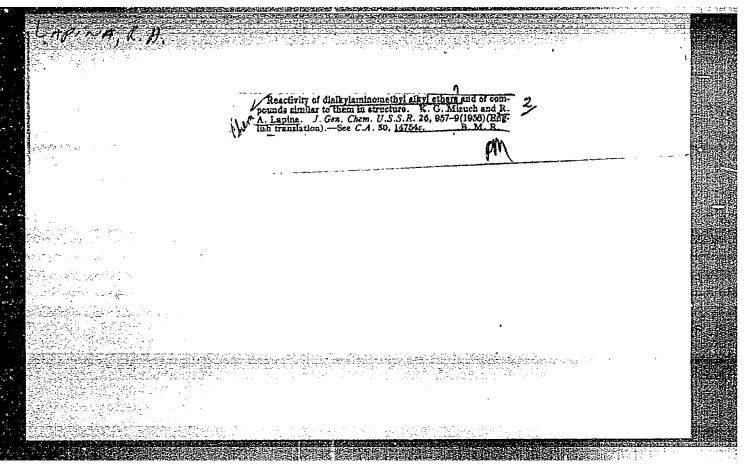
USA and 2-USSR (1921-1953).

Institution: The K. E. Voroshilov Scientific Research Institute of Organic Semi-

Products and Dyes

Submitted : April 2, 1954





KRYUKOVA, A.S.; LAPINA, B.A., kand.tekhn.nauk; MIZUCH, K.G., kand.-khimicheskikh nauk

Finishing preparations with a base of dimethylolalkyltriazone.

Tekst.prom. 22 no.9:16-19 S '62. (MIRA 15:9)

1. Sotrudniki Nauchno-issledovatel'skogo instituta organicheskikh poluproduktov i krasiteley.

(Textile finishing)

KRYUKOVA, A.S.; IAPINA, R.A., kand.tekhn.nauk; MIZUCH, K.G., kand.khim.nauk

Finish preparations with a dimethylolalkyltriazone base. Tekst.
prom. 22 no.8:62-64 Ag '62. (MIRA 15:8)

1. Sotrudniki Nauchno-issledovatel'skogo instituta organicheskikh
poluproduktov i krasiteley (NIOPIK).

(Textile finishing) (Triazinone)

Independent work of students in chemistry lessons. Khim. 7 shkole 18 no.3:61-66 My-Je '63. (MRA 16:9) 1. Shkola-internat No.1, Kostroma. (Chemistry—Study and teaching)

TARUSOVA, N.S.; SELIVANOVA, V.M.; LAPINA, S.A.

Physiological effect of substances with vitemin P activity. Vop. pit. 16 no.5:66-75 S-0 '57. (MIRA 11:3)

1. Iz otdela viteminov Si P (zav. - prof. N.S.Yarusova) Gosudarstvennogo nauchno-issledovatel'skogo instituta vitaminologii Ministerstva zdavookhrameniya SSSR, Moskva.

(VITAMIN P. effects.

on various physiol, funct. in animals (Rus))

YARUSOVA, N.S.; LAPIMA, S.A.

Biological test for vitamin P active substances in a Lecoq diet [with summary in English]. Vop.pit. 18 no.1:45-49 Ja-7 159.

(MIRA 12:2)

1. Iz otdela vitaminov C i P (zav. - prof. N.S. Yarusova) Gosudarstvennogo nauchno-issledovatel'skogo instituta vitaminologii Ministerstva zdravookhraneniya \$SSR, Moskva.

(DIETS,

Lecoq diet, determ. of vitamin P (Rus))

(VITAMIN P, determ.

in Lecol diet (Rus))

CIA-RDP86-00513R000928610020-3 "APPROVED FOR RELEASE: 08/31/2001

YARUSOVA, N.S.; DERGACHEV, I.S.; SELIVANOVA, V.M.; LAPINA, S.A. Physiological effect of vitamin P-like substances. Vit. res. i ikh isp. no.4:92-97 159. (HIRA 14:12)

isp. no.4:92-97 159.

1. Institut vitaminologii Ministerstva zdravookhraneniya SSSR, Moskva. (VITAMINS-P)

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3" 在我们就这种还是这些的是这种的是是是不是不够的。 第一

YARUSOVA, N.S.; BEREZOVSKAYA, N.N.; LAPINA, S.A.; TIKOTSKAYA, K.M.

The technique of biological determination of vitamin P-like substances. Vit. res. i ikh isp. no.4:179-183 '59. (MIFA 14:12)

1. Institut vitaminologii Ministerstva zdravookhraneniya SSSR, Moskva. (VITAMINS—P) (BIOLOGICAL ASSAY)

BEREZOVSKAYA, N.N.; TSEYTINA, A. Ya.; LAPINA, S.A.

Interrelations between vitamins C and P. Vop. pit. 21 no.5: 26-31 S-0 '62. (MIRA 17:5)

1. Iz otdela vitaminov C i P (zav. - prof. N.S. Yarusova) Gosudarstvennogo nauchno-issledovatel skogo instituta vitaminologii Ministerstva zdravookhraneniya SSSR, Moskva.

14579 s/244/63/022/001/001/001 A004/A126

Tseytina, A. Ya., Lapina, S. A., Arkad yevskiy, A. A.

Effects of noise on the C-vitamin metabolism of test animals

TITLE:

Voprosy pitaniya, no. 1, 1963, 78 - 83 PERIODICAL:

The authors studied the effect of noise of 110 db intensity and 1,250 cps frequency on the C-vitamin metabolism in guinea pigs that were sub-Jected to this noise for intermittent periods of 4 hours. The entire test series covered a period of 21 days. The tests were carried out on male guinea pigs, weighing 500 g each, that were fed on the ordinary diet of hay, oats, carrots and bran. During the first 13 days of the tests, the animals received a daily dose of 25 mg of vitamin C each, this amount being increased up to 100 mg during the following 8 days. The tests proved that noise stimulation resulted in the reduction of the ascorbic level in adrenal glands and in a decreased urinary excretion of vitamin C. This was particularly clearly revealed when the animals were receiving daily doses of 100 mg of ascorbic acid. It was also found that the amount of urine excreted by the test animals over the 4-hour period decreased. There are 4 figures and 2 tables,

Card 1/2

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R000928610020-3"

Effects of noise on the...

ASSOCIATIONS: Vitamin C and P Department (Head - Prof. N. S. Yarusova) of the nauchno-issledovatel kkiy institut vitaminologii (Scientific Research Institute) of Vitaminology); Noise and Vibration Laboratory (Head - A. A. Arkad'yevskiy, Candidate of Medical Sciences) of Nauchno-issledovatel'skiy institut sigiyeny i sanitarii im. P. F. Erisman (Scientific Research Institute of Hygiene and Sanitation im. F. P. Erisman), Moscow

Card 2/2

LAPINA, S.A.; YARUSOVA, N.S.

Effect of vitamin P on the vitamin C level in human milk. Vop. pit. 22 no.4:48-52 Jl-Ag 163.

(MIRA 17:10)

1. Iz otdela vitaminov C i P (zav. - prof. N.S. Yarusova) Gosudarstvennogo nauchno-issledovatel'skogo instituta vitaminologii Ministerstva zdravookhraneniya SSSR, Moskva.

TSEYTINA, A.Ya.; LAPINA, S.A.

Effect of vitamin P (rutin) on the cholesterol ecatent in the blood serum and the level of ascorbic acid in the organs of experimental animals. Vop. pit. 23 no.1:67-69 Ja.F 164.

(MIRA 17:8)

1. Iz laboratorii vitaminov C i P (zav. - prof. N.S. Yarusova) Nauchno-issledovatel'skogo instituta vitaminologii Ministerstva zdravookhraneniya SSSR, Moskva.

ALIYEV, D.A.; AGAYEVA, Z.G.; LAPINA, S.D.; TAGIYEVA, G.T.

Apparent and bulk densities of petroleum coke. Nefteper. i neftekhim. no. 3:24-25 '64. (MIRA 17:5)

1. Bakinskiy zavod "Neftegaz".

ALIYEV, D.A.; LAPINA, S.D.

Thermal depolymerization of an alkali polymer of pyrolysis production. Nefteper. i neftekhim. no.7:16-19 '64. (MIRA 17:11)

1. Bakinskiy zavod "Neftegaz".

SULTANOV, Z.A.; ALIYEV, D.A.; LAPINA, S.D.

increasing the reserves of hydraulic tar, the raw stock for achless coke. Naftejer. 1 neftekhim. no.10:25-27 '64.

(HIRA 17:12)

1. Bakinskiy zavod "Neftegaz".

KOGAH, K.H.: LAPINA, S.H.

Activity of a cardiorheumatological center for the prevention and therapy of rheumatic fever. Terap.arkh. 31 no.7:25-32 J1 '59. (HIRA 12:11)

1. Iz gorodskoy klinicheskoy bol'nitsy imeni N.I.Pirogova, Hoskva.

(RHEUMATIC FEVER prevention & control)

LAPINA, S.M. (Moskva)

THE RESIDENCE OF THE PROPERTY
Luminescence of the urine in cases of cancerous neoplasms.

Klin. med. 35 no.1:118-119 Ja '57 (MLRA 10:4)

1. Iz propedevticheskoy terapevticheskoy kliniki (zav. kafedroy-chlen-korrespondent AMN SSSR prof. V.Kh. Vasilenko) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

(NEOPLASMS, urine in luminescence)

GLADKOV, I.A., doktor ekon. nauk; KOSSOY, A.I., kand. ekon. nauk; VIDCNOV, S.S., nauchn. sotr.; SAMOYLOVA, I.D., nauchn. sotr.; GORBUNOV, E.P., kand. ekor. nauk; MAYEVSKIY, I.V., doktor ekonom. nauk; CHEBOTAREV, V.A., kand. ekon. nauk; KAMUSHER, L.N., nauchn. sotr.; STROYEVA, Z.N., nauchn. sotr.; FOMINA, L.V., nauchn. sotr.; VOROB'YEV, Yu.F., kand. ekon. nauk; KRAYEV, M.A., doktor ekon. nauk; KAPLINSKIY, Ye.M., kand. ekon. nauk; LAPINA, S.N., nauchn. sotr.; YAKOVTSEVSKIY, V.N., kand. ekon. nauk; ORLOV, B.P., kand. ekon. nauk; DIKHTYAR, G.A., doktor ekon. nauk [deceased]; PLOTNIKOV, K.N.; MALIKOVA, A.I., nauchn. sotr.; TOVMOSYAN, M.Ye., red.izd-va; POLYAKOVA, T.V., tekhn. red.

[Socialist national economy of the U.S.S.R. in 1933 to 1940] Sotsialisticheskoe narodnoe khoziaistvo SSSR v 1933-1940 gg. Moskva, Izd-vo AN SSSR, 1963. 665 p. (MIRA 16:12)

1. Akademiya nauk SSSR. Institut ekonomiki. 2. Sektor istorii narodnogo khozyaystva Instituta ekonomiki AN SSSR (for Stroyeta, Fomina, Kaplinskiy, Lapina). 3. Chlen-korrespondent AN SSSR (for Plotnikov).

(Russia--- Economic conditions)

TSITOVICH, I. K.; LAPINA, T. A.

Use of cation exchangers in the form of salts for removing foreign anions in the determination of nitrates. Zhur. VKHO 7 no.5:579-580 '62. (MIRA 15:10)

1. Kubanskiy sel'skokhozyaystvennyy institut.

(Nitrates) (Ion exchange)

TSITOVICH, I.K.; LAPINA, T.A.

State of the transition elements of the fourth period in sulfuric and phosphoric acid solutions. Izv. vys. ucheb. zav.; khim. 1 khim. tekh. 6 no.3:370-376 '63. (MIRA 16:8)

1. Kubanskiy sel'skokhozyaystvennyy institut, kafedra neorganicheskoy i analiticheskoy khimii.

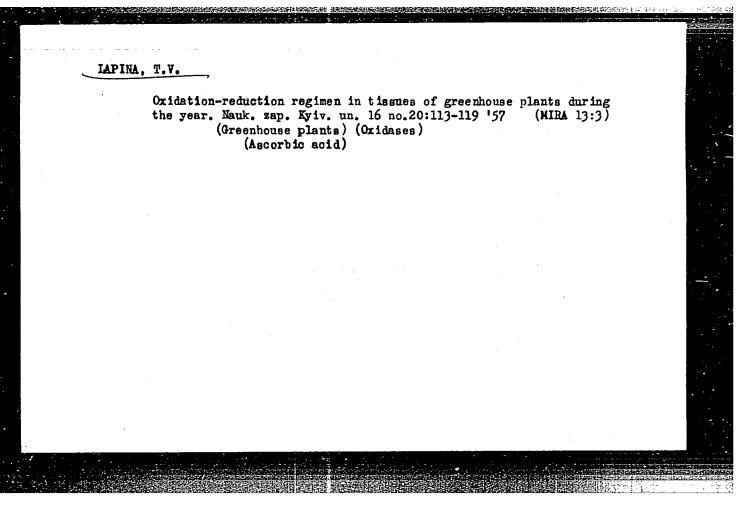
(Transition metals) (Ion exchangers)

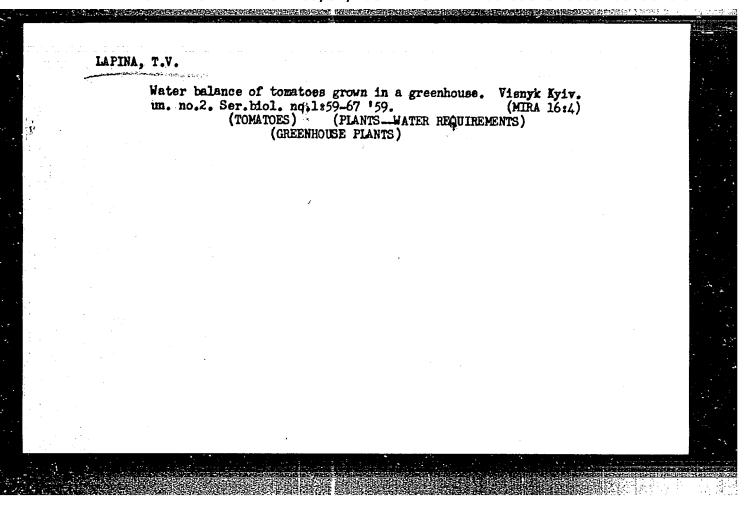
TSITOVICH, I.K.; LAPINA, T.A.; Frinimala uchastiye: NIKITINA, N.G.

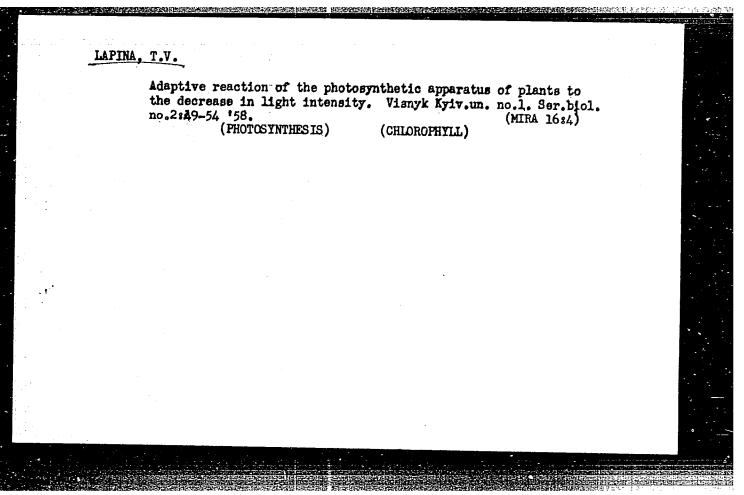
Absorption of cations of heavy metals by anion exchangers from aqueous solutions. Zhur. VKHO.8 no.5:597-598 '63.

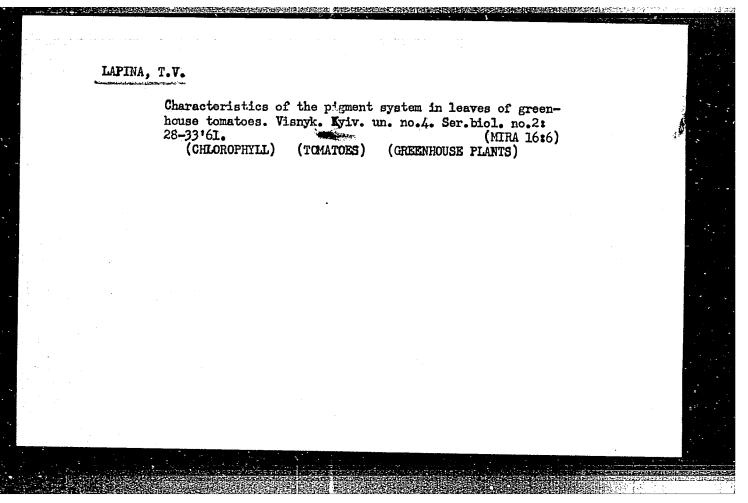
(MIRA 17:1)

1. Kubanskiy sel'skokhozyaystvennyy institut.









LIZARINA, VIA.

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AUTHORS:

Gordov, A. H., Izrailov, K. S., Kandyba, V. V., Kirenkov, I. I., Kovalevskiy, V. A., Lapina, E. A., Kinkel'shteyn, V. Ye., and Ergardt, N. N.

TITLE:

Comprehensive metroligical studies for developing methods and apparatus for exact measurements of high temperatures

PERIODICAL: Izme:

Izmeritel'naya tekhnika, no. 1, 1961, 22925

TEXT: The ever-increasing demands made by industry on the accuracy and range of measurements of high temperatures make it necessary to reorganize the entire metrological system in the field of measurements of high temperatures and the development of new standard and model devices on the training of the latest achievements in the construction of precision instruments. In this connection, the VNIIM imeni D. I. Mendeleyeva and KHGIMIP developed a program for the performance of comprehensive metrological studies for the establishment of new standards and high-precision master instruments for temperatures of up to 10,000 °C. This metrological research work was completed in 1960. The studies were made in four fundamental directions: Thermometry

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Comprehensive metrological ...

of gases, thermoelectric pyrometry, optical visual pyrometry, objective pyrometry (photoelectric and radiation pyrometry). New temperature scales in the field of high temperatures were established on the basis of new methods of objective spectropyrometry. The optical pyrometers used for measuring high temperatures are not sufficiently accurate. Thus, the admissible error in measurement of the optical pyrometers OMIP(OPPIR) is up to + 15°C at 1,000°C, and up to 30°C at 2,000°C. It is evident that this is Insufficient for many purposes and for scientific research work. In connection with the abofe problem, i.e., direct temperature measurement of high accuracy, the optical precision pyrometers 001 -51 (EOP=51) and 01 -48 (OP-48) spectropyrometers of the types 06 (IKP-57) and 06 (IKP-57) and 09 -48 (OP-48) are devices of the type 07 (Urp) were developed and introduced. The international temperature scale was used with maximum accuracy for the new instruments at the Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im.

O. 1. Mendeleyev (All-Union Scientific Research Institute of Metrology imeni D. I. Mendeleyev) and at the institutes of the Komitet standartov, mer i izmeritel'nykh priborov (Committee on Standards, Measures, and measuring Instruments). The new pyrometers are widely used for scientific research work. There are 59 references: 49 Soviet-bloc and 6 non*Soviet-bloc.

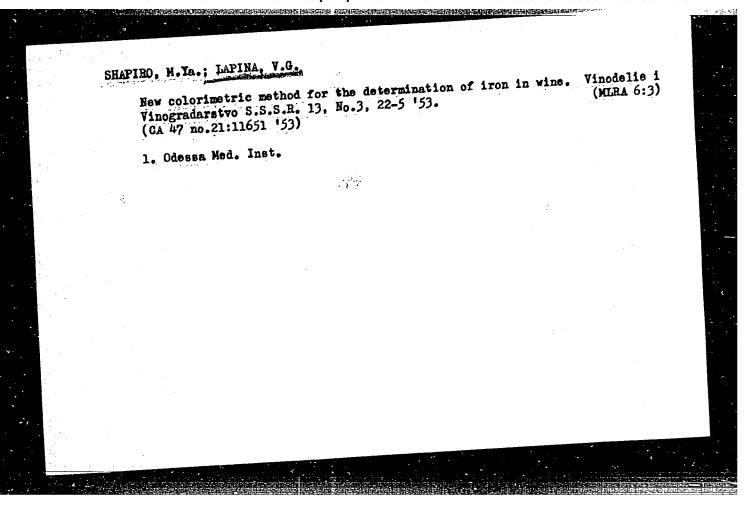
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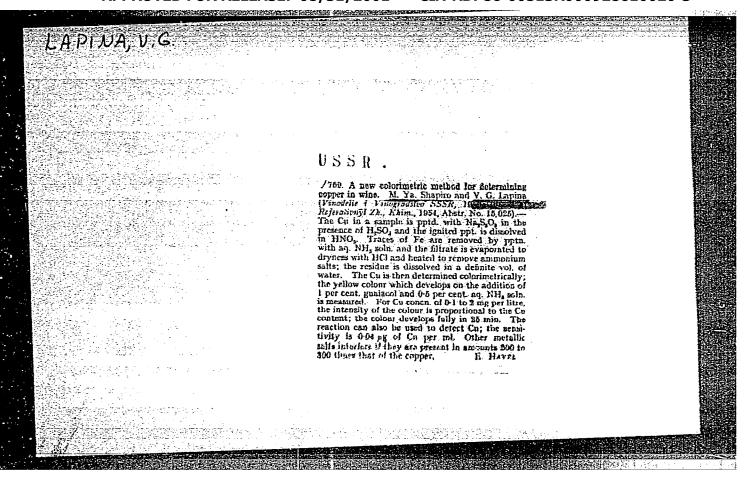
USER/Medicine - Parasites on the Dynamics of Population of Hessian Files (Mayeticla Destructor Say.), v. F. Lapina, Moscov Med Inst, Min Fub Health USES, 72001 Zhur" Vol XVII, No 4 Parasites play important role in controlling Messian fly populations. Determined that adverse minimum. Some of better monon Hessian fly parasites are Platygaster minutus, Cerephon sp USER/Medicine - Parasites (Conta) Jul/Aug 48 Marisus destructor Say., and Pleurotropis metallicus Marisus destructor Say., and Pleurotropis metallicus Marisus destructor Say., and Pleurotropis metallicus	USER/Medicine - Parasites on the Dynamics of Population of Hessian Flies (Mayettola Destructor Say.), 6 pp Lapine, Moscow Med Inst, Min Pub Health USES "Zool Zhur" Vol XXVII, No 4 Parasites play important role in controlling Hessian fly populations. Determined that diverse asites are Platygaster minutus, Ceraphon sp., asites are Platygaster minutus, Ceraphon sp., Marisus destructor Say., and Pleurotropis metallicus desses. Marisus destructor Say., and Pleurotropis metallicus desses.		ARROST POPE	NAME OF THE PARTY		Refere		ALC: N	SHAR E	Met Ro	SHEAR SANKE	A60014014501				
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MAKHOVKO, V.V., professor; ZCBIB, A.H.; KOROBOVA, T.B.; KRASHENIHNIKOVA, A.I.;

LAPINA, V.F.; SMINHOVA, Ye.I.; SUKHACHEV, N.O.; ZHEGALOV, S.B.

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Indium distribution in cassiterite, sphalerite, and chalcopyrite from the tin ore deposit in Lirudzin. Geokhimia no.2:156-161 '61. (MIRA 14:3)'

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LAPINA, V. YU.

25482 <u>DAPINA.V. YU.</u> K voprosu o vliyanii parazitov na dinamiku 194£, vyp. 4, s. 329-34. - Bibliogr: s 334.

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948